July 2009



DEPARTMENT OF EDUCATION

2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron

Commissioner of Education

Susan A. Lendron



School Report Grade 7

Test Date: March 2009 Code: 10141173

SAU: Beals School Department

School: Beals Elementary School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

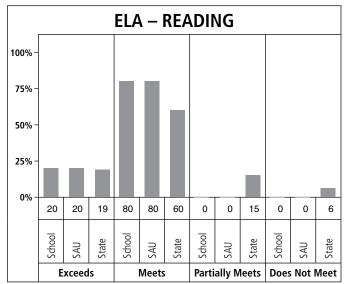
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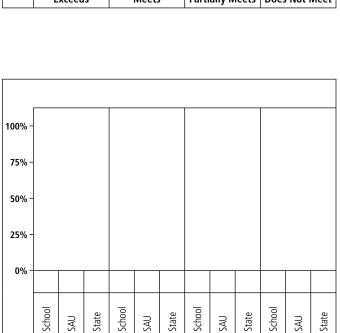


SUMMARY OF SCORES

Summary of School, SAU, and State Scores

| Year | Avera | age Scaled S | Score |
|--|---------------------------------|---------------------------------|---------------------------------|
| ieai | School | SAU | State |
| ELA – Reading 2006–2007 2007–2008 2008–2009 Cum. Avg.* | 754 750 756 753 | 754 750 756 753 | 748 750 751 750 |
| Mathematics 2006–2007 2007–2008 2008–2009 Cum. Avg. * | 748 740 745 744 | 748 740 745 744 | 742 743 745 743 |
| | | | |



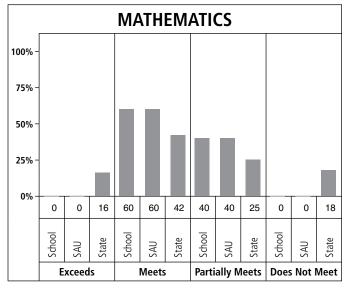


Exceeds Meets Partially Meets | Does Not Meet *Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

Test Date: March 2009

Grade: 7

Beals School Department SAU: **Beals Elementary School** School:





SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009

Grade: 7

SAU: Beals School Department School: Beals Elementary School

| | | Ε | nroll | mer | nt¹ | | | | | | C | ТИС | EN. | T AF | REA | PA | RTIC | CIPA | TIO | N ² | | | | |
|-----------------------------------|-----|-------|----------|-------|-------|-----|-----|------|-------|---------|-------|-----|-----|------|-------|--------|-------|------|-----|----------------|---|----|----|-----|
| CATEGORY OF | | durii | ng testi | ng wi | ndow | | | | ELA-F | Reading | | | | | Mathe | matics | | | | | | | | |
| PARTICIPATION | Scl | nool | SA | NU . | St | ate | Scl | nool | s | AU | St | ate | Sc | hool | S | AU | Sta | ate | Sci | nool | S | AU | St | ate |
| | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % |
| Total number of students | 5 | 100 | 5 | 100 | 14446 | 100 | 5 | 100 | 5 | 100 | 14316 | 99 | 5 | 100 | 5 | 100 | 14322 | 99 | | | | | | |
| Ethnicity African American/Black | 0 | 0 | 0 | 0 | 432 | 3 | 0 | 0 | 0 | 0 | 416 | 97 | 0 | 0 | 0 | 0 | 421 | 98 | | | | | | |
| American Indian or Native Alaskan | 0 | 0 | 0 | 0 | 124 | 1 | 0 | 0 | 0 | 0 | 121 | 98 | 0 | 0 | 0 | 0 | 122 | 99 | | | | | | |
| Asian or Pacific Islander | 0 | 0 | 0 | 0 | 260 | 2 | 0 | 0 | 0 | 0 | 255 | 98 | 0 | 0 | 0 | 0 | 259 | 100 | | | | | | |
| Hispanic | 1 | 20 | 1 | 20 | 147 | 1 | 1 | 100 | 1 | 100 | 144 | 99 | 1 | 100 | 1 | 100 | 144 | 99 | | | | | | |
| Caucasian/White | 4 | 80 | 4 | 80 | 13483 | 93 | 4 | 100 | 4 | 100 | 13380 | 99 | 4 | 100 | 4 | 100 | 13376 | 99 | | | | | | |
| Not Reported | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Identified disability | 0 | 0 | 0 | 0 | 2428 | 17 | 0 | 0 | 0 | 0 | 2391 | 99 | 0 | 0 | 0 | 0 | 2391 | 99 | | | | | | |
| Current LEP | 0 | 0 | 0 | 0 | 334 | 2 | 0 | 0 | 0 | 0 | 318 | 95 | 0 | 0 | 0 | 0 | 328 | 98 | | | | | | |
| Economically disadvantaged | 3 | 60 | 3 | 60 | 5498 | 38 | 3 | 100 | 3 | 100 | 5431 | 99 | 3 | 100 | 3 | 100 | 5436 | 99 | | | | | | |
| Migrant | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 100 | 0 | 0 | 0 | 0 | 8 | 100 | | | | | | |

| MODE OF | | | ELA- | Reading | | | | | Mathe | matics | | | | | | | | |
|--|---|-------|------|---------|-------|-----|----|------|-------|--------|-------|-----|----|------|---|----|----|------|
| | S | chool | ! | SAU | St | ate | Sc | hool | S | AU | St | ate | Sc | hool | S | AU | St | tate |
| PARTICIPATION ³ | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % | n | % |
| Participation without accommodations | 5 | 100 | 5 | 100 | 11742 | 81 | 5 | 100 | 5 | 100 | 11754 | 81 | | | | | | |
| Identified disability (PET/IEP) | 0 | 0 | 0 | 0 | 367 | 3 | 0 | 0 | 0 | 0 | 365 | 3 | | | | | | |
| LEP | 0 | 0 | 0 | 0 | 168 | 1 | 0 | 0 | 0 | 0 | 169 | 1 | | | | | | |
| 504 plan | 0 | 0 | 0 | 0 | 183 | 2 | 0 | 0 | 0 | 0 | 187 | 2 | | | | | | |
| Participation with accommodations | 0 | 0 | 0 | 0 | 2367 | 16 | 0 | 0 | 0 | 0 | 2366 | 16 | | | | | | |
| Identified disability (PET/IEP) | 0 | 0 | 0 | 0 | 1819 | 77 | 0 | 0 | 0 | 0 | 1824 | 77 | | | | | | |
| LEP | 0 | 0 | 0 | 0 | 143 | 6 | 0 | 0 | 0 | 0 | 154 | 7 | | | | | | |
| 504 plan | 0 | 0 | 0 | 0 | 84 | 4 | 0 | 0 | 0 | 0 | 80 | 3 | | | | | | |
| Other | 0 | 0 | 0 | 0 | 358 | 15 | 0 | 0 | 0 | 0 | 346 | 15 | | | | | | |
| Participation through alternate assessment (PAAP) | 0 | 0 | 0 | 0 | 205 | 1 | 0 | 0 | 0 | 0 | 202 | 1 | | | | | | |
| Identified disability (PET/IEP) | 0 | 0 | 0 | 0 | 205 | 100 | 0 | 0 | 0 | 0 | 202 | 100 | | | | | | |
| LEP | 0 | 0 | 0 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 5 | 2 | | | | | | |
| 504 plan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Approved non-participation in reading – 1st year LEP | 0 | 0 | 0 | 0 | 2 | 0 | | | | | | | | | | | | |
| Approved non-participation – special consideration | 0 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 0 | 0 | 32 | 0 | | | | | | |
| Non-participation – other | 0 | 0 | 0 | 0 | 97 | 1 | 0 | 0 | 0 | 0 | 92 | 1 | | | | | | |

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.



ELA-READING RESULTS

Test Date: March 2009

Grade:

SAU: Beals School Department School: Beals Elementary School

STUDENTS AT EACH ACHIEVEMENT LEVEL

| ACHIEVEMENT LEVEL DEFINITIONS | | Sch | ool | SA | U | Sta | ite |
|--|------------------|----------|-----------|----------|-----------|-------------|-----------|
| The quality of a student's work at each achievement level reflects progress in attaining Maine Results: Parameters for Essential Instruction in English language arts – reading. | 's Learning | N | % | N | % | N | % |
| Exceeds the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 762–780) | 2006-2007 | 3 | 38 | 3 | 38 | 2630 | 18 |
| | 2007-2008 | 0 | 0 | 0 | 0 | 2604 | 18 |
| | 2008-2009 | 1 | 20 | 1 | 20 | 2618 | 19 |
| | Cum. Total* | 4 | 20 | 4 | 20 | 7852 | 18 |
| Meets the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 742–760) | 2006-2007 | 2 | 25 | 2 | 25 | 7605 | 51 |
| | 2007-2008 | 6 | 86 | 6 | 86 | 8049 | 55 |
| | 2008-2009 | 4 | 80 | 4 | 80 | 8484 | 60 |
| | Cum. Total* | 12 | 60 | 12 | 60 | 24138 | 56 |
| Partially Meets the Standards – The student's work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student's ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 730–740) | 2006-2007 | 3 | 38 | 3 | 38 | 3000 | 20 |
| | 2007-2008 | 0 | 0 | 0 | 0 | 2672 | 18 |
| | 2008-2009 | 0 | 0 | 0 | 0 | 2108 | 15 |
| | Cum. Total* | 3 | 15 | 3 | 15 | 7780 | 18 |
| Does Not Meet the Standards – The student's work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student's responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 700–728) | 2006-2007 | 0 | 0 | 0 | 0 | 1620 | 11 |
| | 2007-2008 | 1 | 14 | 1 | 14 | 1190 | 8 |
| | 2008-2009 | 0 | 0 | 0 | 0 | 899 | 6 |
| | Cum. Total* | 1 | 5 | 1 | 5 | 3709 | 9 |

| | | nber | A | verage Poir | nts Attaine | d (Number | and Percer | nt) |
|---|----|----------------|------|-------------|-------------|------------|------------|------|
| Learning Results Content Standards | | oints sible | Sch | ool | SA | \ U | Sta | ate |
| | N | % | N | % | N | % | N | % |
| Reading Total Points | 56 | 100 | 37.6 | 67.1 | 37.6 | 67.1 | 34.4 | 61.4 |
| A1/A2 Interconnected Elements/Literary Text | 20 | 36 | 13.0 | 65.0 | 13.0 | 65.0 | 11.8 | 59.0 |
| A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text | 36 | 64 | 24.6 | 68.3 | 24.6 | 68.3 | 22.6 | 62.8 |

The MEA assesses students' reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine's 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: http://www.maine.gov/education/lres/pei/index.html.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009

Grade:

SAU: Beals School Department School: Beals Elementary School

| % N 20 4 | M % 80 80 | N 0 0 0 0 0 0 0 0 0 | P % 0 | 0 0 | D % 0 | Mean Scaled Score 756 | Tested N 5 0 0 0 1 4 0 5 0 5 | E % 20 20 | S A M % 80 | P % 0 | D % 0 | Mean Scaled Score 756 | Tested N 14109 409 117 253 142 13188 0 2186 11923 | E % 19 11 12 24 14 19 2 22 4 | M % 60 49 53 59 56 61 36 65 41 | P % 15 22 19 11 17 15 35 11 | % 6 18 16 6 13 6 27 3 | Mean Scaled Score 751 744 746 753 747 751 737 754 |
|-------------|-----------|---------------------------------------|-------|--------|-------|-----------------------|---------------------------------|---------------------------|--|---|---|---|--|--|--|---|--|---|
| 20 4 | 80 | 0 | 0 | 0 | 0 | 756 756 | 5 0 0 0 1 4 0 | 20 | 80 | 0 | 0 | 756 | 14109 409 117 253 142 13188 0 2186 11923 | 19 11 12 24 14 19 | 60 49 53 59 56 61 36 65 | 15 22 19 11 17 15 35 11 | 6 18 16 6 13 6 | 751 744 746 753 747 751 |
| 20 4 | 80 | 0 | 0 | 0 | 0 | 756 | 0 0 0 1 4 0 | 20 | 80 | | 0 | | 409 117 253 142 13188 0 2186 11923 | 11 12 24 14 19 | 49 53 59 56 61 36 65 | 22 19 11 17 15 35 | 18 16 6 13 6 | 744 746 753 747 751 |
| | | | | | | | 0 0 1 4 0 | | | 0 | | 756 | 117 253 142 13188 0 2186 11923 | 12 24 14 19 2 22 | 53 59 56 61 36 65 | 19 11 17 15 35 11 | 16 6 13 6 | 746 753 747 751 |
| | | | | | | | 5 | | | 0 | | 756 | 11923 | 22 | 65 | 11 | : . | 1 |
| 20 4 | 80 | 0 | 0 | 0 | 0 | 756 | | 00 | | | | | 311 | 4 | A1 | | | ļ |
| | | | | | | | I | 20 | 80 | 0 | 0 | 756 | 13798 | 19 | 61 | 29 15 | 26 6 | 739 751 |
| | | | | | | | 3 2 | | | | | | 5300 8809 | 8 25 | 58 61 | 22 10 | 11 4 | 746 754 |
| 20 4 | 80 | 0 | 0 | 0 | 0 | 756 | 0 5 | 20 | 80 | 0 | 0 | 756 | 8 14101 | 13 19 | 50 60 | 38 15 | 0 6 | 747 751 |
| | | | | | | | 1 4 0 | | | | | | 6993 7116 0 | 24 14 | 61 60 | 11 18 | 4 8 | 754 749 |
| 20 4 | 80 | 0 | 0 | 0 | 0 | 756 | 0 5 | 20 | 80 | 0 | 0 | 756 | 1025 13084 | 10 19 | 53 61 | 27 14 | 11 6 | 745 752 |
| 20 4 | 80 | 0 | 0 | 0 | 0 | 756 | 0 5 | 20 | 80 | 0 | 0 | 756 | 676 13433 | 66 16 | 33 61 | 1 16 | 0 7 | 766 750 |
| | | | | | | | | 4 80 0 0 0 0 756 5 0 0 | 0 4 80 0 0 0 0 756 5 20 0 0 0 0 0 0 0 0 | 0 4 80 0 0 0 0 756 5 20 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 0 4 80 0 0 0 0 756 5 20 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 0 4 80 0 0 0 0 756 5 20 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 4 80 0 0 0 0 756 5 20 80 0 0 756 0 0 | 0 4 80 0 0 0 0 756 5 20 80 0 0 756 13084 | 4 80 0 0 0 0 756 5 20 80 0 0 756 1025 10 0 | 4 80 0 0 0 0 756 5 20 80 0 0 756 13084 19 61 0 676 66 33 | 4 80 0 0 0 0 756 5 20 80 0 0 756 1025 10 53 27 0 | 4 80 0 0 0 0 756 5 20 80 0 0 756 1025 10 53 27 11 0 |

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards



ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 7

SAU: **Beals School Department** School: **Beals Elementary School**

| 140. | | | | | | • | | | | | | | | | | | | | | | |
|---------------------------------|--|---|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------------|-------------------------|---------------------------------|--------------|------------------|----------|--|-------------------------|-------------------------------|---------------------|--|--|--|--------------------------|
| | | | | Sch | ool | | | | | | | SA | U | | | | | Sta | te | | |
| Students in Each Category | | E | ı | И | | P | ı | D | Mean Scaled Score | Students in Each Category | E | М | Р | D | Mean Scaled Score | in Each | E | М | P | D | Mean Scaled Score |
| % | N | % | N | % | N | % | N | % | - | % | % | % | % | % | 1 | % | % | % | % | % | |
| 0 60 40 0 | 1 0 | 33 0 | 2 2 | 67 100 | 0 0 | 0 0 | 0 0 | 0 0 | 759 750 | 0 60 40 0 | 33 0 | 67 100 | 0 | 0 0 | 759 750 | 7 52 37 4 | 8 17 23 19 | 48 62 61 53 | 25 15 12 18 | 19 6 4 10 | 743 751 753 750 |
| 20 | 1 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 772 | 20 | 100 | 0 | 0 | 0 | 772 | 30 | 33 | 56 | 7 | 4 | 756 |
| 40 20 20 | 0 0 | 0 | 2 1 1 | 100 100 100 | 0 0 | 0 | 0 | 0 0 | 750 756 | 40 20 | 0 | 100 100 | 0 | 0 0 | 750 756 | 49 19 | 16 5 | 64 59 | 14 26 | 5 10 21 | 751 745 740 |
| | | | | | | | | | | | - | | | | | | | | | | |
| 40 0 0 | 1 | 50 | 1 | 50 | 0 | 0 | 0 | 0 | 754 758 | 40 0 0 | 50 | 50 | 0 | 0 | 754 758 | 52 11 3 | 18 11 6 | 62 62 54 38 | 15 23 29 | 5 13 27 | 754 751 746 739 |
| 0 80 20 | 0 1 | 0 100 | 4 0 | 100 0 | 0 0 | 0 0 | 0 0 | 0 0 | 752 772 | 0 80 20 | 0 100 | 100 0 | 0 | 0 0 | 752 772 | 17 65 17 | 16 19 22 | 55 62 60 | 18 14 13 | 12 5 5 | 748 752 752 |
| 0 100 0 | 1 | 20 | 4 | 80 | 0 | 0 | 0 | 0 | 756 | 0 100 0 | 20 | 80 | 0 | 0 | 756 | 9 54 38 | 4 14 28 | 44 63 60 | 27 17 9 | 24 5 3 | 740 750 756 |
| 100 0 0 | 1 | 20 | 4 | 80 | 0 | 0 | 0 | 0 | 756 | 100 0 0 | 20 | 80 | 0 | 0 | 756 | 44 51 5 | 19 19 9 | 60 62 51 | 15 13 26 | 6 5 15 | 751 752 744 |
| 0 60 20 | 1 0 | 33 0 | 2 1 1 | 67 100 100 | 0 0 | 0 0 | 0 0 | 0 0 | 761 744 750 | 0 60 20 20 | 33 0 0 | 67 100 100 | 0 0 | 0 0 0 | 761 744 750 | 21 45 13 21 | 27 22 13 | 57 62 61 59 | 11 12 17 24 | 5 4 8 11 | 755 753 749 746 |
| 0 0 0 | | | | | | | | | | 0 0 0 | · | | | | | | · | | | | |
| 0 | | | | | | | | | | U | | | | | | | | | | | |
| | Students in Each Category % 0 60 40 0 20 40 20 20 60 40 0 0 80 20 100 0 100 0 0 60 20 20 0 0 | Students in Each Category % N 0 60 1 40 0 0 20 0 20 0 20 0 20 1 0 0 60 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 1 0 0 0 0 | Students in Each Category R | Students n | Students in Each E | Students E | Students E | Students | Students neach n | Students nE | Students In Each Category | Students In Each | Students First First School Students First First | School Students In Each Students Scaled Category Scaled Students Stude | Students Factor Factor | Students E M |

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards N = Number



MATHEMATICS RESULTS

Test Date: March 2009

Grade:

SAU: Beals School Department School: Beals Elementary School

STUDENTS AT EACH ACHIEVEMENT LEVEL

| ACHIEVEMENT LEVEL DEFINITIONS | | Sch | ool | SA | \U | Sta | te |
|--|------------------|----------|-----------|----------|-----------|-------------|-----------|
| The quality of a student's work at each achievement level reflects progress in attaining Maine's Results: Parameters for Essential Instruction in mathematics. | s Learning | N | % | N | % | N | % |
| Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 762–780) | 2006-2007 | 1 | 13 | 1 | 13 | 2142 | 14 |
| | 2007-2008 | 0 | 0 | 0 | 0 | 2028 | 14 |
| | 2008-2009 | 0 | 0 | 0 | 0 | 2220 | 16 |
| | Cum. Total* | 1 | 5 | 1 | 5 | 6390 | 15 |
| Meets the Standards – The student's work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student's work may contain minor errors. (Scaled Score 742–760) | 2006-2007 | 5 | 63 | 5 | 63 | 5642 | 38 |
| | 2007-2008 | 3 | 43 | 3 | 43 | 5703 | 39 |
| | 2008-2009 | 3 | 60 | 3 | 60 | 5879 | 42 |
| | Cum. Total* | 11 | 55 | 11 | 55 | 17224 | 40 |
| Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 728–740) | 2006-2007 | 1 | 13 | 1 | 13 | 4077 | 27 |
| | 2007-2008 | 2 | 29 | 2 | 29 | 3733 | 26 |
| | 2008-2009 | 2 | 40 | 2 | 40 | 3537 | 25 |
| | Cum. Total* | 5 | 25 | 5 | 25 | 11347 | 26 |
| Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 700–726) | 2006-2007 | 1 | 13 | 1 | 13 | 3001 | 20 |
| | 2007-2008 | 2 | 29 | 2 | 29 | 3054 | 21 |
| | 2008-2009 | 0 | 0 | 0 | 0 | 2484 | 18 |
| | Cum. Total* | 3 | 15 | 3 | 15 | 8539 | 20 |

| | | nber | Avera | ge Point | s Attaine | d (Numbe | r and Pe | rcent) |
|------------------------------------|----|----------------|-------|----------|-----------|----------|----------|--------|
| Learning Results Content Standards | | oints sible | Sch | ool | SA | AU | Sta | ate |
| | N | % | N | % | N | % | N | % |
| Mathematics Total Points | 56 | 100 | 29.6 | 52.9 | 29.6 | 52.9 | 29.9 | 53.4 |
| A. Number | 14 | 25 | 6.8 | 48.6 | 6.8 | 48.6 | 7.7 | 55.0 |
| B. Data | 16 | 29 | 8.2 | 51.3 | 8.2 | 51.3 | 8.1 | 50.6 |
| C. Geometry | 12 | 21 | 5.4 | 45.0 | 5.4 | 45.0 | 6.9 | 57.5 |
| D. Algebra | 14 | 25 | 9.2 | 65.7 | 9.2 | 65.7 | 7.3 | 52.1 |

The MEA assesses students' mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine's 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: http://www.maine.gov/education/lres/pei/index. html.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009

Grade:

SAU: Beals School Department School: Beals Elementary School

| P | | D % 0 | Mean Scaled Score 745 | Tested N 5 0 0 1 4 0 5 0 5 3 2 | 0 0 | M % 60 60 | P % 40 40 | D % 0 | Mean Scaled Score 745 | Tested N 14120 416 119 258 142 13185 0 2189 11931 323 13797 | E % 16 5 8 25 8 16 2 18 4 16 | St. M % 42 26 30 43 39 42 17 46 20 42 | P % 25 28 31 19 23 25 27 25 28 28 25 | D % 18 41 30 13 30 17 53 11 48 17 | Mear Scaled Score 745 733 737 750 739 745 728 748 729 |
|----------------------|-----|-------|--------------------------------|--|-------------------|----------------|-------------------|---------------------------|--------------------------------|--|---|---|--|--|--|
| N % 2 40 2 40 | N 0 | 0 | Scaled Score 745 | N 5 0 0 0 1 4 0 0 5 0 5 3 | 0 | % 60 | % 40 40 | 0 | Scaled Score 745 | N 14120 416 119 258 142 13185 0 2189 11931 | % 16 5 8 25 8 16 | % 42 26 30 43 39 42 17 46 20 | % 25 28 31 19 23 25 27 25 | % 18 41 30 13 30 17 53 11 | 745 733 737 750 739 745 728 748 |
| 2 40 2 40 2 40 | 0 | 0 | 745 | 5 0 0 0 1 4 0 5 0 5 | 0 | 60 | 40 40 | 0 | 745 | 14120 416 119 258 142 13185 0 2189 11931 | 16 5 8 25 8 16 | 42 26 30 43 39 42 17 46 | 25 28 31 19 23 25 27 25 | 18 41 30 13 30 17 53 11 | 745 733 737 750 739 745 728 748 |
| 2 40 | 0 | 0 | 745 | 0 0 0 1 4 0 0 5 | 0 | 60 | 40 | 0 | 745 | 416 119 258 142 13185 0 2189 11931 | 5 8 25 8 16 | 26 30 43 39 42 17 46 | 28 31 19 23 25 27 25 | 41 30 13 30 17 53 11 | 733 737 750 739 745 728 748 |
| 2 40 | | | | 0 0 1 4 0 0 5 | | | | | | 119 258 142 13185 0 2189 11931 | 8 25 8 16 2 18 | 30 43 39 42 17 46 | 31 19 23 25 27 27 25 | 30 13 30 17 53 11 | 737 750 739 745 728 748 |
| 2 40 | | | | 5 0 5 | | | | | | 11931 323 | 18 | 46 20 | 25 28 | 11 48 | 748 |
| | 0 | 0 | 745 | 5 | 0 | 60 | 40 | 0 | 745 | | | | | | 729 |
| | | | | 1 | | | | | | | | İ | İ | | 745 |
| | | 1 | | | | | | | | 5308 8812 | 7 21 | 35 46 | 30 22 | 28 11 | 738 749 |
| 2 40 | 0 | 0 | 745 | 0 5 | 0 | 60 | 40 | 0 | 745 | 8 14112 | 0 16 | 50 42 | 38 25 | 13 18 | 742 745 |
| | | | | 1 4 0 | | | | | | 6992 7128 0 | 16 15 | 43 41 | 25 25 | 16 19 | 745 744 |
| 2 40 | 0 | 0 | 745 | 0 5 | 0 | 60 | 40 | 0 | 745 | 1024 13096 | 7 16 | 26 43 | 36 24 | 31 17 | 736 745 |
| 2 40 | 0 | 0 | 745 | 0 5 | 0 | 60 | 40 | 0 | 745 | 676 13444 | 68 13 | 29 42 | 2 26 | 0 18 | 767 744 |
| | | | | | 40 0 0 745 5 0 | 40 0 0 745 5 0 | 40 0 0 745 5 0 60 | 40 0 0 745 5 0 60 40 0 | 40 0 0 745 5 0 60 40 0 | 40 0 0 745 5 0 60 40 0 745 0 0 | 40 0 0 745 5 0 60 40 0 745 13096 0 676 | 40 0 0 745 5 0 60 40 0 745 13096 16 0 676 68 | 40 0 745 0 | 40 0 745 0 | 40 0 745 0 |

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards



MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 7

SAU: **Beals School Department Beals Elementary School** School:

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|--|---------------------------------|----------|--------|----------|-----------|-----|-----------|---|--------|-------------------------|---------------------------------|----------|-----------|------------------|--------|-------------------------|---------------------------------|----------------|----------------|----------------|----------------|-------------------------|
| OHECTIONNAIDE | | I | | | Sch | DOI | | | | | | <u> </u> | SA | U | i | 1 | | | Sta | te | | T |
| QUESTIONNAIRE ITEMS | Students in Each Category | | E | ı | VI | | P | ı | D | Mean Scaled Score | Students in Each Category | E | М | P | D | Mean Scaled Score | Students in Each Category | E | М | P | D | Mean Scaled Score |
| | % | N | % | N | % | N | % | N | % | Jeore | % | % | % | % | % | Jeore | % | % | % | % | % | Jeore |
| How much homework do you do on school nights? A. none | 0 | | | | | | | | | | 0 | | | ! ! ! ! | | | 7 | 6 | 30 | 28 | 36 | 735 |
| B. less than one hour C. one to two hours D. more than two hours | 60 40 0 | 0 | 0 | 2 | 67 50 | 1 | 33 50 | 0 | 0 0 | 747 742 | 60 40 0 | 0 | 67 50 | 33 50 | 0 0 | 747 742 | 52 37 4 | 16 18 15 | 42 44 38 | 25 24 24 | 17 14 22 | 745 747 743 |
| Which of the following best describes how you rate yourself as a student in mathematics? | | | | | | | | | | | | | | i ! ! ! | | | | | | | | |
| A. very good | 0 | | | | | | | | | | 0 | _ | | | | | 26 | 35 | 43 | 12 | 9 | 754 |
| B. good C. fair | 40 60 | 0 | 0 | 1 2 | 50 67 | 1 | 50 33 | 0 | 0 | 742 747 | 40 60 | 0 | 50 67 | 50 33 | 0 | 742 747 | 46 23 | 13 3 | 48 32 | 25 37 | 15 27 | 745 737 |
| D. poor | 0 | | " | | 01 | ' | 30 | " | | '4' | 0 | " | 07 | | | '4' | 5 | 1 | 22 | 37 | 40 | 731 |
| how well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics? | | | | | | | | | | | | | | | | | | | | | | |
| A. The questions on the test match what I have learned in mathematics class. | 40 | 0 | 0 | 1 | 50 | 1 | 50 | 0 | 0 | 743 | 40 | 0 | 50 | 50 | 0 | 743 | 26 | 23 | 43 | 20 | 13 | 749 |
| B. They match some of what I have learned. | 60 | 0 | 0 | 2 | 67 | 1 | 33 | 0 | 0 | 746 | 60 | 0 | 67 | 33 | 0 | 746 | 53 | 15 | 45 | 26 | 15 | 746 |
| C. They match just a little of what I have learned. D. There is no match. | 0 | | | | | | | | | | 0 | | | | | | 17 4 | 9 7 | 35 21 | 32 22 | 24 51 | 740 730 |
| How difficult was the mathematics part of this test? | | | | | | | | | | | | | | | | | | | | | | |
| A. more difficult than my regular schoolwork B. about the same as my regular schoolwork | 20 60 | 0 | 0 | 0 2 | 0 67 | 1 | 100 33 | 0 | 0 | 740 747 | 20 60 | 0 | 0 67 | 100 33 | 0 | 740 747 | 37 51 | 8 16 | 40 44 | 29 25 | 23 15 | 740 746 |
| C. easier than my regular schoolwork | 20 | 0 | 0 | 1 | 100 | Ö | 0 | 0 | 0 | 744 | 20 | 0 | 100 | 0 | 0 | 744 | 12 | 41 | 35 | 13 | 11 | 755 |
| How hard did you try on the mathematics part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork. | 80 20 0 | 0 | 0 0 | 2 | 50 100 | 2 0 | 50 0 | 0 | 0 | 745 744 | 80 20 | 0 0 | 50 100 | 50 0 | 0 0 | 745 744 | 48 47 5 | 14 18 14 | 42 43 27 | 27 23 25 | 17 16 34 | 744 746 738 |
| On average, how many minutes a day do you spend working on | | | | | | | | | | | | | | | | | | 14 | - | 25 | 04 | 700 |
| mathematics in class? A. less than 30 minutes | | | | | | | | | | | 0 | | | | | | | , | 30 | 29 | 20 | 737 |
| B. 30–45 minutes | 0 60 | 0 | 0 | 1 | 33 | 2 | 67 | 0 | 0 | 741 | 60 | 0 | 33 | 67 | 0 | 741 | 8 38 | 8 13 | 40 | 29 | 33 20 | 743 |
| C. 45–60 minutes | 20 | 0 | 0 | 1 | 100 | 0 | 0 | 0 | 0 | 746 | 20 | 0 | 100 | 0 | 0 | 746 | 42 | 20 | 45 | 23 | 12 | 748 |
| D. more than 60 minutes | 20 | 0 | 0 | 1 | 100 | 0 | 0 | 0 | 0 | 754 | 20 | 0 | 100 | 0 | 0 | 754 | 12 | 16 | 42 | 25 | 17 | 745 |
| How often do you use calculators in mathematics class? | 40 | | | | | | | | | | 40 | | | | | 7.47 | 45 | 40 | 00 | 0.5 | 40 | 7.45 |
| A. almost every day B. two or three days a week | 40 40 | 0 | 0 | 1 2 | 50 100 | 1 0 | 50 0 | 0 | 0 | 747 745 | 40 40 | 0 | 50 100 | 50 0 | 0 | 747 745 | 15 31 | 19 18 | 38 42 | 25 24 | 19 16 | 745 746 |
| C. two or three times a month | 0 | | | | 100 | | | | | / 40 | 0 | | 100 | | | 145 | 26 | 17 | 43 | 24 | 17 | 746 |
| D. never or almost never | 20 | 0 | 0 | 0 | 0 | 1 | 100 | 0 | 0 | 740 | 20 | 0 | 0 | 100 | 0 | 740 | 28 | 11 | 42 | 27 | 19 | 743 |
| How often do you use laptops in mathematics class? A. almost every day | | | | | | | | | | | | | | | | | | | | | | |
| B. two or three days a week | 0 | | | | | | | | | | 0 | | | | | | 10 22 | 12 13 | 39 43 | 24 26 | 24 18 | 741 744 |
| C. two or three times each month | 40 | 0 | 0 | 2 | 100 | 0 | 0 | 0 | 0 | 745 | 40 | 0 | 100 | 0 | 0 | 745 | 33 | 18 | 44 | 25 | 13 | 747 |
| D. never or almost never | 60 | 0 | 0 | 1 | 33 | 2 | 67 | 0 | 0 | 745 | 60 | 0 | 33 | 67 | 0 | 745 | 35 | 16 | 40 | 25 | 19 | 744 |
| Optional school/SAU question | | | | | | | | | | | | | | | | | | | | | | |
| A. B. | 0 | | | | | | | | | | 0 | | | | | | | | | | | |
| C. | 0 | | | | | | | | | | 0 | | | | | | | | | | | |
| D. | Ö | | | | | | | | | | Ö | | | | | | | | | | | |
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E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards N = Number